

Gifted Education School Network 2022/23

**Enhancing Students' Creativity and
Higher-order Thinking Skills
through Scaffolding and
Self-directed Learning**

School: Tai Po Methodist School

English Department:

Catering for learner diversity (preceding practice)

Example 1 : Reading for information

Core



Extended



Protecting Your Eyesight

It is very important to take good care of our eyes. Here are some tips:

- Maintain good posture by sitting upright and using chair and desk of suitable height.
- Place reading materials at least 30 cm from the eyes.
- Rest your eyes for 3 to 5 minutes after reading or using the computer for 30 to 40 minutes.
- Wear quality sunglasses with ultraviolet rays protection under strong sunlight.
- Keep a balanced diet, including taking appropriate amount of foods rich in vitamin A, e.g. water melons, tomatoes, papayas and carrots.
- Don't read in moving vehicles or under strong lighting.
- Don't buy eye drops off the counter when your eyes feel uncomfortable.
- If you have any eye discomfort or problems in seeing things, seek doctors' advice early.



English
Department:

Catering for
learner
diversity
(preceding
practice)

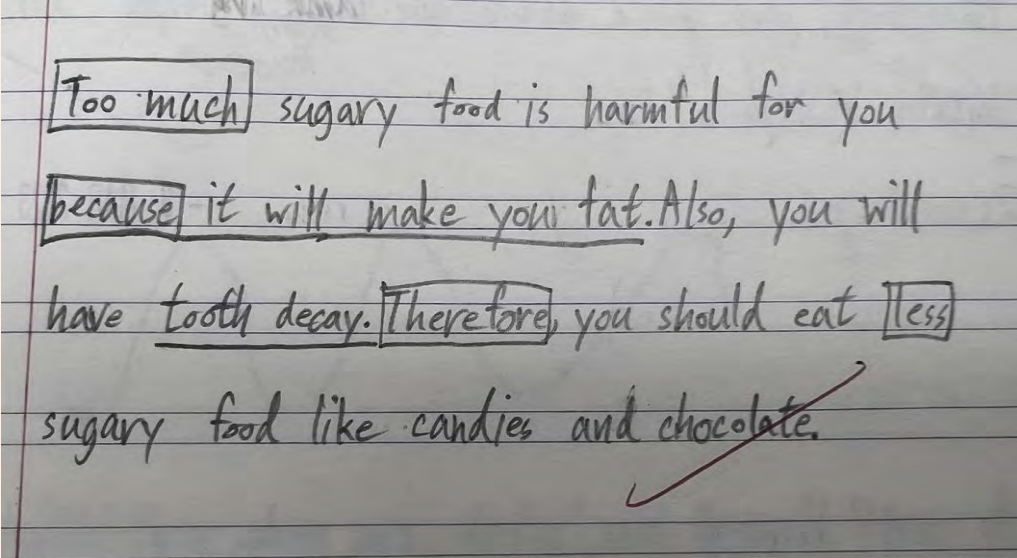
Example 2 : Writing (Giving advice)

Core

Sentence Pattern

Too much sugary food is harmful for you because it will make you fat.

Extended



The image shows a student's handwritten work on lined paper. The text is written in cursive and includes several words boxed for emphasis: 'Too much', 'because', 'tooth decay', 'Therefore', and 'less'. The full sentence is: 'Too much sugary food is harmful for you because it will make you fat. Also, you will have tooth decay. Therefore, you should eat less sugary food like candies and chocolate.' A red checkmark is drawn at the end of the sentence.

Integration of previous knowledge in the new patterns learnt

Details of the try-out project

- Level: Primary 4
- Class size: 21
- Students' profile:
 - usually engaged in the lessons
 - willing to share and talk
 - some students struggle with dyslexia
 - weak at spelling

Details of the try-out project

Topic:

Learning objectives:

- **To give healthy eating advice using the correct quantities and vocabulary items**

Expected learning outcomes:

- **To develop students' positive attitude of having healthy eating habits**
- **To design a poster about healthy eating habits**

Immersion of 3 core elements of gifted education:

Creativity

**Higher-order
thinking skills**

**Personal-social
competence**

Details of the try-out project

Differentiated instructional strategies
used:

- (1) Tiered learning tasks
- (2) Tiered questioning
- (3) Flexible groupings

1. Pre-task: extensive reading (assigned before the lesson)



- Different **readings** about **food groups** are assigned to students a week before the lesson
- After reading, students complete a **fact sheet** about the facts of different food groups



Tai Po Methodist School
2022-2023 Second Term (Module 3 4B Unit 4)
Fact sheet about food groups

Name: _____ () Class: _____ Date: _____

Reading skill: After reading the selected readings, finish the table about food groups below by using the appropriate words in the readings.

Food Groups	Advantages 	Disadvantages 	Tips
Fat and Sugar	<ul style="list-style-type: none">Sugary food can give us energy to run and play	<ul style="list-style-type: none">bad for our _____too much can make us fat and increase the risk of getting _____ disease	<ul style="list-style-type: none">Choose low-fat cooking methods to avoid overweight and obesity
Dairy products	<ul style="list-style-type: none">give us strong bones and _____keep our brain, heart and muscles healthygive us energy to playhelp us see well	<ul style="list-style-type: none">too many can make us fat	<ul style="list-style-type: none">Choose cheese and yoghurt with little or no _____
Meat and fish	<ul style="list-style-type: none">build blocks of bones, _____, skin and bloodhelp our bodies grow strongomega-3 in fish is good for our skin, eye and heart	<ul style="list-style-type: none">too much can make us _____	<ul style="list-style-type: none">Choose lean meat and trim away the _____
Fruit and vegetables	<ul style="list-style-type: none">have lots of vitamins and _____ which keep us healthy and fight off sicknessvitamin C: keep our _____ and teeth healthyfiber: keep our digestive system healthy	<ul style="list-style-type: none">too many can cause digestive and heart problems	<ul style="list-style-type: none">Choose fruits in different _____
Grain products	<ul style="list-style-type: none">Fiber: help move food through our _____ + keep our digestive system healthygive us energy to run, jump and play	<ul style="list-style-type: none">too many can cause obesity and heart disease	<ul style="list-style-type: none">Choose wholegrain foods (One example: _____)

2. Warm-up task

- a. Introduce the problem of **child obesity** in Hong Kong during the pandemic with a **video**
- b. Give students a **task sheet** that they need to fill in after watching it (**tiered learning task**)

<p>Tai Po Methodist School 2022-2023 Second Term (Book 4B Units 3, 4) Post-video Task Sheet</p>	<p>Set A</p>
<p>Name: _____ () Class: P.4 () Date: _____</p> <p>1. More than _____ parents of kindergarten and primary schools students were interviewed online in June 2022.</p> <p>2. A university study shows child obesity and overweight rates rose _____ times in Hong Kong during the pandemic.</p> <p>3. The obesity and overweight rates of children aged 9 to 13 increased from _____ % to _____ %.</p>	

<p>Tai Po Methodist School 2022-2023 Second Term (Book 4B Units 3, 4) Post-video Task Sheet</p>	<p>Set B</p>
<p>Name: _____ () Class: P.4 () Date: _____</p> <p>1. How many parents of kindergarten and primary schools students have been interviewed in June 2022?</p> <p>_____</p> <p>2. How many percent did the obesity and overweight rates of children aged 9 to 13 increase?</p> <p>_____</p> <p>3. What kind of food is suggested to buy for children?</p> <p>_____</p>	

3. HOT questions after warm-up task

- a. Let students reflect on their eating habits (tiered questioning)

4. Introduce the context

- a. Help students engage in the lesson

Kenny is a P4 Hong Kong student. He has gained a lot of weight during the pandemic.

We need to help Kenny. Let's make a poster about healthy eating and give it to him.




Think about the questions.

1. What will happen if kids keep eating unhealthy food?
2. Do you have healthy eating habits?

5. Individual task

- a. Each student gets a **worksheet** about a food group and write details about it (tiered learning task)

Grain Products



Articles: What You Need to Know About Grains in Your Diet, According to a Dietitian

*You may use the following sentence patterns to write your suggestion:

-good for / bad for.....
- more / fewer / less.....
- a lot of / a few / a little.....
- Too much / Too many

Fat and Sugar

Fat and sugar are (good for / bad for) you.

You need to eat (more / fewer / less) sugary food.

Eating (too many / too much) sweets are bad for our _____.

Don't eat (too many / too much) fat.



Eating (too many / too much) fat can make you _____.

We should _____.

Words may help you:

fit / fat / teeth / eyes

tall / ears



Fruit and Vegetables

Fruit and Vegetables are _____ you.

You need to _____.

You need to _____.

They can _____.

Eating too _____.

*You may use the following sentence patterns to write your suggestion:

-good for / bad for.....
- more / fewer / less.....
- a lot of / a few / a little.....
- Too much / Too many

6. Group task

- Students combine their work and create a poster to promote healthy eating (flexible groupings)
- Add details to complete the poster (e.g. title, food pyramid, extra healthy eating tips)

7. Presentation and peer evaluation



- Each group takes turns to present their poster while other groups fill in a peer evaluation form (tiered learning task)

Tai Po Methodist School
2022-2023 Second Term (Book 4B Units 3, 4)
Peer Evaluation Form

Set A

Name: _____ () Class: P.4 () Date: _____

Put '✓' to show your comments to Group _____.



Content (including sentence patterns)	3 😊😊😊	2 😊😊	1 😊
1. Able to use 'You need to...', '...are/is...good for...' and 'You eat too many/much...'			
2. Able to use 'a few, a little, a lot of, fewer, less, more'			
3. Able to provide new idea(s) that my group does not have			
Presentation Skills	3 😊😊😊	2 😊😊	1 😊
1. Eye contact 			
2. Voice (volume) 			

Tai Po Methodist School
2022-2023 Second Term (Book 4B Units 3, 4)
Peer Evaluation Form

Set B

Name: _____ () Class: P.4 () Date: _____

Put '✓' to show your comments to Group _____.

Content (including sentence patterns)	3 😊😊😊	2 😊😊	1 😊
1. Able to use 'You need to...', '...are/is...good for...' and 'You eat too many/much...'			
2. Able to use 'a few, a little, a lot of, fewer, less, more'			
3. Provide reasonable advices that help solve Kenny's problem			
4. Include new idea(s) that my group does not have			
Presentation Skills	3 😊😊😊	2 😊😊	1 😊
1. Eye contact 			
2. Voice (volume) 			

EXTRA TIPS:

Drink 8 cups of water
every day
Do more exercise

dairy products

vegetables
& fruit

sugar and fat

meat and fish

Grain products

4-C(22,23,24,5)

Fat and Sugar

Fat and sugar are (good for / bad for) you.
You need to eat (more / fewer / less) sugary food
eating (too many / too much) sweets are bad for our
teeth
Don't eat (too many / too much) fat.
eating (too many / too much) fat can make you fat.
We should eat less fat.

Dairy Products

Dairy products are good for us. You need to eat
more dairy products. A lot of dairy products
are good. But too much are bad for you because
they have a lot of fat. Also if you want
know what food is dairy products, you can
cheese, yogurt or milk.

Grain Products

Much junk food is bad for you. It
make you fat. Grain products are
for you. It can give you energy.
need to eat less sugary food
can increase the risk getting
ill disease.

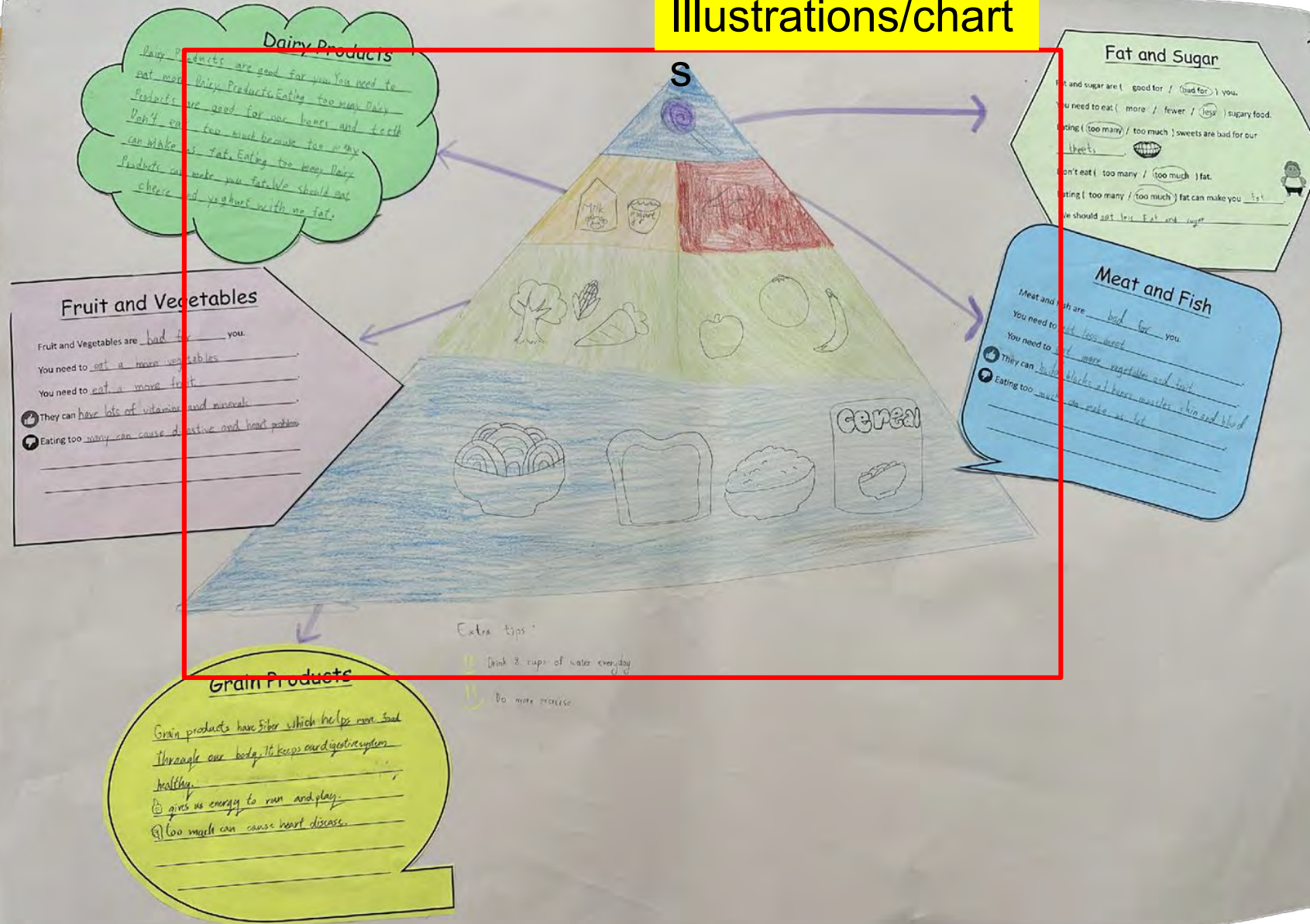
Fruit and Vegetables

Fruit and vegetables are good for you.
You need to eat more fruit
need to eat more vegetables
to help your body
too. Diseases

A good Eating habit

Eye-catching titles

Illustrations/chart



Content presentation

Give you healthy eating tips

Fat and Sugar

Fat and sugar are (good for / bad for) you.
You need to eat (more / fewer / less) sugary food.
Eating (too many / too much) sweets are bad for our teeth.
Don't eat (too many / too much) fat.
Eating (too many / too much) fat can make you fat.
We should eat less fat & sugar.

Dairy Products

Dairy products is good for you. They give us strong bones and teeth. They keep our bones hard and muscles healthy. They give us energy to play and help us grow. Too many can make us fat.

Grain Products

Grain products are good for you because they give you energy. They help you to get a lot of energy. They help you to grow and keep you healthy. They help you to stay strong and healthy. They help you to stay healthy and strong.

Meat and Fish

Meat and Fish are good you.
You need to eat less meat.
You need to eat more fish.
They can help your body grow strong.
Eating too much meat and fish makes you fat.

Fruit and Vegetables

Fruit and Vegetables are good you.
You need to eat more vegetables.
You need to eat more fruit too.
They can keep you healthy.
Eating too many can cause digestive.

😊 Drink 8 cups of water!
😊 Do more exercise

Reflections and Way Forward

Something learnt from the try-out project

- Identifying Ss' strengths and weaknesses
 - a good start to plan a module / lesson
- Build on strengths & Think of scaffolding strategies to help with their weaknesses for making learning achievable
 - Reading diagrams / charts vs tired of reading long, factual texts [scaffolding: reading organizers])
- Set up of authentic scenario
 - more engaged & learning materials presented step-by-step in a more organized way
- Preparation of tiered tasks
 - same aim but differences NOT ONLY in the requirement of language ability, but also in ways of expression (different text types)
- Creativity jumps in at unexpected times:
 - when Ss are actively engaged in learning tasks (as showcase in Extra Tips in posters)

Reflections and Way Forward

Changes in students' learning

- Actualization of integrated skills
 - reading, features of text types, writing, collaboration, creativity)
- A demonstration to students on how to learn new knowledge
 - 1. collect information from different media
 - 2. read and make sense
 - 3. organize what Ss have learnt from different media and internalized as their own knowledge
 - 4. apply the knowledge on real life context / solve problems
- Change evidence
 - Make notes / diagrams on what they have read even when not required by teachers

Reflections and Way Forward

- Tiered Learning Tasks
 - Choice Board
- Tiered Questioning
 - Open-ended questions e.g. What will happen if ...?
 - Compare and contrast on ...
- Flexible Grouping
 - Assign roles to individuals to encourage participation
 - Gifted/ more able students are tasked to mentor their peers
 - development of their leadership
- Peer-evaluation
 - Critical thinking skill
 - Reflect and improve



Thank you!